Unit 2 Day 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_\_\_\_

Determine whether the equation represents a function.

1. x2+ y2 = 4 2. 3. 2x + 3y = 4 4. y2 = x2 – 1

5. y = l4-xl 6. x = -8 7. x = -y + 5 8. x + y2 = 3

Evaluate the function for the given values.

9. f(t) = 3t + 1 10. H(t) = t2 – 2t 11. V(r) =

a) f(2) a) H(-1) a) V(3)

b) f(x+2) b) H(x-1) b) V(x)

c) F(t) = 0 c) H(t) = 0 c) V(r) = 64

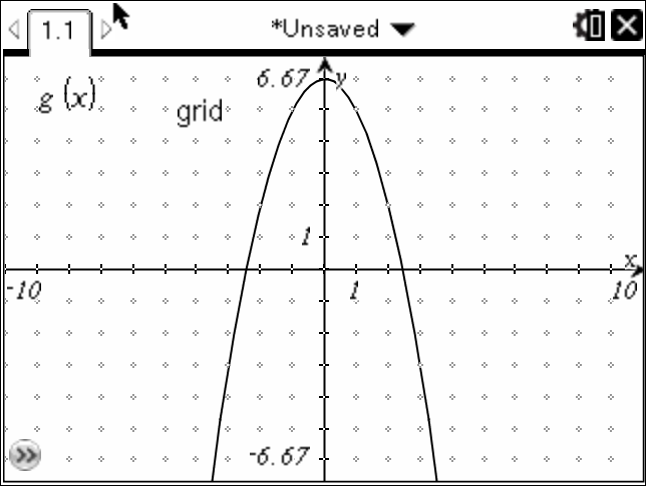
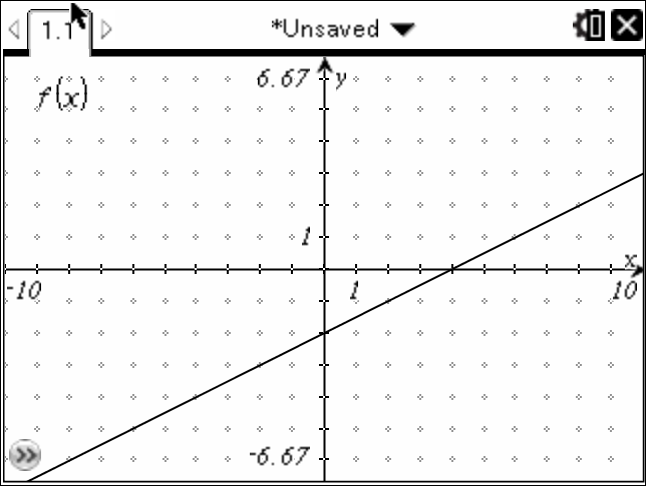
12. f(x)= 13. f(x) = 14. f(x) =

a) f(-2) a) f(-2) a) f(-2)

b) f(0) b) f(1) b) f(1)

c) f(2) c) f(3) c) f(4)

Use the following graphs to answer the questions.



15. f(2) 16. g(-1) 17. f(-6) 18. g(0)

19. f(x)= 0 20. g(x) = -3 21. f(x) = 2 22. g(x) = 2